

Morbidity and Mortality

Weekly
Report



U. S. Department of
HEALTH, EDUCATION, AND WELFARE

Public Health Service

NATIONAL OFFICE OF VITAL STATISTICS

September 7, 1956

Washington 25, D. C.

Vol. 5, No. 35

Provisional Information on Selected Notifiable Diseases in the United States and on Deaths in Selected Cities for Week Ended September 1, 1956

The number of cases of poliomyelitis reported for the current week is 887 as compared with 943 for the previous week. This number is less than the figure for the same week in all prior years since 1947. This also is the first week in the current polio season that the number of reported cases is less than the number reported for the previous week. The peak week last year was the week ended August 27 and the 5-year median peak week, the second week in September. Due caution should be observed, in view of the variability both of occurrence of previous peak weeks and of late small rises (e.g., 1952 and 1954), in drawing conclusions about the current poliomyelitis season.

The number reported in Chicago for the current week (ended September 1) is 62 as compared with 100 for the previous week. This is the third successive week in which reported cases have been fewer in number. Forty of the 62 cases were paralytic. Incidence in the State of Illinois exclusive of Chicago dropped slightly this week from 67 cases to 58 cases.

The numbers of reported cases of poliomyelitis by type for the United States for the current week, disease year, and calendar year are:

TYPE	CURRENT WEEK		DISEASE YEAR		CALENDAR YEAR	
	1956	1955	1956	1955	1956	1955
TOTAL-----	887	2,056	7,848	15,128	8,915	16,191
Paralytic-----	293	643	3,467	5,161	4,050	5,625
Nonparalytic-----	416	838	3,044	6,092	3,329	6,382
Unspecified-----	178	575	1,337	3,875	1,536	4,184

The investigation of typhoid fever occurring among persons attending a church convention in Monarch Springs, Missouri, is being carried out actively in a number of States. A partial roster of those attending the convention has been completed which shows that 146 of the 170 families reside in 14 widely separated States. To date cases have been reported as follows: Missouri, 1 fatal case confirmed by culture (phage type C-2); 2 other clinically confirmed cases, and 4 suspect cases; Oklahoma, 1 serologically confirmed case, and 4 possible cases; Kansas, 1 suspect clinical case; California, 2 cases confirmed by culture (phage type C-2); Louisiana, 2 cases confirmed by culture (1 phage type C-2), 3 suspect cases, and 1 death—a young man with chronic infection not confirmed as a case of typhoid fever; Oregon, 1 possible case. The possibility that water or food was a vehicle of infection is being investigated. The PHS Communicable Disease Center, Atlanta, is acting as a clearing house for information relating to this epidemic and is aiding in certain aspects of the investigation.

EPIDEMIOLOGICAL REPORTS

Equine encephalitis

Dr. Roy F. Feemster, Massachusetts Department of Public Health, has supplied additional details on encephalitis in that State. One new suspect human case has been found in Norfolk County. This case occurred in a child, and its fatal termination brings the total number of deaths to 4. All 3 of the earlier cases have been proved by virus isolation, and post-mortem material from the fourth case is being studied in the laboratory. A total of 7 suspect cases has been reported.

New cases in horses have been reported in the State, 4 in Plymouth and 1 in Bristol Counties. Virus has been recovered from specimens of brain tissue of 3 horses which died in Plymouth early in the outbreak. Deaths have also been reported on 6 additional pheasant farms, 4 in Plymouth and 2 in Norfolk Counties.

(No additional information is available on the progress of investigation of encephalitis in other States along the eastern seaboard.)

Psittacosis

Dr. Martin P. Hines, North Carolina State Board of Health, has reported 2 cases of psittacosis. The illnesses were characterized by malaise, headache, cough, fever, and chills. Both patients had positive chest X-rays and the diagnoses were confirmed by complement fixation tests. One of the patients was in contact with parakeets in New Jersey and the other had contact with parakeets from local aviaries. None of the birds were available for laboratory tests.

The Washington State Department of Health has reported a case of psittacosis in a 46-year-old man who had worked in a rendering plant in Oregon. This case is related to those reported in Oregon earlier this year, involving a number of employees who became ill after processing a flock of turkeys which died. The patient was ill approximately a month, and his sera were positive for psittacosis in titers of greater than 1:512 on 2 occasions.

Toxoplasmosis

The Kentucky State Department of Health has reported a case of congenital toxoplasmosis. No abnormalities about his birth or development were noted until he developed epileptiform seizures of the petit mal type and his mother noted mental regression. X-rays showed calcifications throughout the cerebrum, and skintest was positive to toxoplasmin. A diagnosis of toxoplasmosis was suggested, and the child was referred to a hospital where serology showed positive results in a dilution of 1:256. Encephalogram and eye findings, combined with his symptoms and serology, established a diagnosis of congenital toxoplasmosis.

The patient is an only child. No similar illness is known among closely associated relatives. Intelligence tests showed the boy to have an I.Q. of 110. He is currently attending school and reportedly is doing well. His seizures are being controlled

Morbidity and Mortality Weekly Report

with phenobarbital and dilantin.

Gastro-enteritis

The Los Angeles County Health Department has reported 2 outbreaks of gastro-enteritis among persons in 2 household groups who ingested imported canned fish. Of 10 persons who ate this food, 7 became ill from 2 to 11 hours later. Each group had purchased the canned fish from different markets in different cities within the county. An investigation was initiated and the remaining cans of this product were taken from the shelves

at the markets involved. Laboratory examination of the contents of cans from both households revealed coagulase-positive, gram-positive, hemolytic staphylococcus. Some of the cans removed from a warehouse were badly swollen with hydrogen gas and the contents were decomposed. Bacteriologic examination revealed that some cans from the warehouse contained *Streptococcus viridans* and some contained *Staphylococcus aureus*. West coast representatives for the product voluntarily agreed to withhold all further shipments, and they also agreed to contact all distributors asking them to remove the product from their shelves.

Table 1. CASES OF SPECIFIED NOTIFIABLE DISEASES: CONTINENTAL UNITED STATES

(Numbers after diseases are category numbers of the Sixth Revision of the International Lists, 1948)

DISEASE	35th WEEK			CUMULATIVE NUMBER						Approximate seasonal low point
	Ended Sept. 1, 1956	Ended Sept. 3, 1955	Median 1951-55	First 35 weeks			Since seasonal low week			
				1956	1955	Median 1951-55	1955-56	1954-55	Median 1950-51 to 1954-55	
Anthrax-----062	-	-	-	31	20	22	(1)	(1)	(1)	(1)
Botulism-----049.1	-	-	---	5	6	---	(1)	(1)	(1)	(1)
Brucellosis (undulant fever)-----044	20	32	---	700	880	---	---	---	---	---
Diphtheria-----055	13	50	33	963	953	1,349	137	244	282	July 1
Encephalitis, infectious-----082	81	57	57	1,189	1,004	1,004	560	444	444	June 1
Hepatitis, infectious, and serum-----092,N998.5 pt.	247	406	---	14,075	23,837	---	---	---	---	---
Malaria-----110-117	7	9	---	152	327	---	(1)	(1)	(1)	(1)
Measles-----085	1,040	671	807	576,682	518,399	518,399	605,780	572,868	572,868	Sept. 1
Meningococcal infections-----057	24	44	44	1,965	2,571	3,059	2,888	3,620	4,328	Sept. 1
Meningitis, other-----340	33	---	---	1,019	---	---	---	---	---	---
Poliomyelitis-----080	887	2,056	2,101	8,915	16,191	19,205	7,848	15,128	17,652	Apr. 1
Psittacosis-----096.2	7	1	---	371	195	---	(1)	(1)	(1)	(1)
Rabies in man-----094	-	-	-	6	4	6	(1)	(1)	(1)	(1)
Smallpox-----084	-	-	-	-	-	5	(1)	(1)	(1)	(1)
Typhoid fever-----040	48	46	67	1,241	1,139	1,489	928	832	1,083	Apr. 1
Typhus fever, endemic-----101	2	3	---	76	95	---	(1)	(1)	(1)	(1)
Rabies in animals-----	69	81	100	3,449	3,727	5,001	4,476	5,080	6,733	Oct. 1

¹Frequencies are too small.

NOTE.—Texas reported 1 case of dengue.

SOURCE AND NATURE OF MORBIDITY DATA

These provisional data are based on reports to the Public Health Service from health departments of each State and of Alaska, Hawaii, and Puerto Rico. They give the total number of cases of certain communicable diseases reported during the week usually ended the preceding Saturday. Cases of anthrax, botulism, rabies in man, and smallpox are not shown in table 2,

but a footnote to table 1 shows the States making the reports. In addition, when diseases of rare occurrence (cholera, dengue, plague, relapsing fever—louse borne, typhus fever—epidemic, and yellow fever) are reported, they will be noted at the end of table 1.

Symbols.—1 dash [-]: no cases reported; 3 dashes [---]: data not available.

Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED SEPTEMBER 3, 1955 AND SEPTEMBER 1, 1956

(By place of occurrence. Numbers under diseases are category numbers of the Sixth Revision of the International Lists, 1949)

AREA	BRUCELLOSIS (UNDULANT FEVER)		DIPHTHERIA 055				ENCEPHALITIS, INFECTIOUS		HEPATITIS, INFECTIOUS, AND SERUM 092, N998.5 pt.			
	044		35th week		Cumulative first 35 weeks		082		35th week		Cumulative first 35 weeks	
	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955
CONT. UNITED STATES-----	20	32	13	50	963	953	81	57	247	406	14,075	23,837
NEW ENGLAND-----	1	-	2	1	11	20	2	3	18	41	914	2,137
Maine-----	-	-	-	-	-	-	-	-	2	1	218	243
New Hampshire-----	-	-	-	-	1	-	-	-	-	2	27	65
Vermont-----	-	-	-	1	-	2	-	-	7	7	116	166
Massachusetts-----	1	-	2	-	10	18	2	2	5	7	228	753
Rhode Island-----	-	-	-	-	-	-	-	-	1	6	116	300
Connecticut-----	-	-	-	-	-	-	-	1	3	18	209	610
MIDDLE ATLANTIC-----	-	-	-	1	47	38	7	8	58	93	3,024	5,980
New York-----	-	-	-	1	18	22	7	7	35	40	1,570	3,283
New Jersey-----	-	-	-	-	12	6	-	1	7	8	276	378
Pennsylvania-----	-	-	-	-	17	10	-	-	16	45	1,178	2,319
EAST NORTH CENTRAL-----	6	4	-	3	174	102	13	12	22	54	2,110	3,433
Ohio-----	-	-	-	2	14	28	12	-	11	8	532	576
Indiana-----	2	-	-	-	84	33	-	10	2	5	303	494
Illinois-----	1	3	-	-	8	4	-	-	4	13	484	840
Michigan-----	-	-	-	-	66	34	1	1	3	19	551	1,005
Wisconsin-----	3	1	-	1	2	3	-	1	2	9	240	518
WEST NORTH CENTRAL-----	10	15	1	4	92	102	2	8	34	55	1,201	2,952
Minnesota-----	-	5	-	2	25	38	-	-	11	19	376	1,042
Iowa-----	5	6	-	-	17	5	-	-	10	15	317	845
Missouri-----	-	2	-	-	10	9	-	-	1	2	66	304
North Dakota-----	-	-	-	-	5	-	-	2	-	3	93	234
South Dakota-----	1	2	-	2	6	37	-	-	11	1	154	292
Nebraska-----	-	-	1	-	26	11	-	3	-	2	90	74
Kansas-----	4	-	-	-	3	2	2	3	1	13	105	161
SOUTH ATLANTIC-----	2	3	6	28	212	286	1	3	14	22	887	2,067
Delaware-----	-	-	-	-	-	1	-	-	-	-	27	42
Maryland-----	-	-	-	1	1	11	-	-	-	2	74	290
District of Columbia-----	-	-	-	-	1	2	-	-	1	-	18	38
Virginia-----	1	2	-	-	23	16	-	1	5	5	346	871
West Virginia-----	-	-	-	-	5	15	-	-	-	2	52	213
North Carolina-----	1	-	3	3	31	41	-	-	1	7	82	262
South Carolina-----	-	-	-	17	47	82	1	1	-	3	54	55
Georgia-----	-	1	3	6	49	81	-	1	3	2	117	125
Florida-----	-	-	-	1	55	37	-	-	3	1	117	171
EAST SOUTH CENTRAL-----	-	4	2	2	123	168	4	4	10	17	1,229	1,219
Kentucky-----	-	-	2	-	10	39	1	-	5	6	383	209
Tennessee-----	-	3	-	-	19	22	-	1	3	2	522	485
Alabama-----	-	-	-	2	59	85	1	1	2	1	151	229
Mississippi-----	-	1	-	-	35	22	2	2	-	8	173	296
WEST SOUTH CENTRAL-----	1	4	1	11	232	188	44	13	10	33	1,041	1,354
Arkansas-----	-	-	-	-	18	9	3	1	2	5	95	187
Louisiana-----	-	3	1	2	26	27	-	-	-	1	111	101
Oklahoma-----	-	1	-	-	56	22	-	1	1	1	81	134
Texas-----	1	-	-	9	132	130	41	11	7	26	754	932
MOUNTAIN-----	-	1	-	-	24	15	4	1	23	35	1,254	1,791
Montana-----	-	-	-	-	3	3	1	-	8	7	317	265
Idaho-----	-	-	-	-	1	-	2	-	-	2	159	204
Wyoming-----	-	-	-	-	4	-	-	1	4	6	69	73
Colorado-----	-	-	-	-	3	-	-	-	5	14	282	359
New Mexico-----	-	-	-	-	5	3	-	-	-	2	109	300
Arizona-----	-	1	-	-	5	6	-	-	6	2	251	519
Utah-----	-	-	-	-	3	1	-	-	-	2	63	51
Nevada-----	-	-	-	-	-	2	-	-	-	-	4	20
PACIFIC-----	-	1	1	-	48	34	4	5	58	56	2,415	2,904
Washington-----	-	1	1	-	9	17	-	-	1	11	506	634
Oregon-----	-	-	-	-	11	-	-	-	11	15	471	812
California-----	-	-	-	-	28	17	4	5	46	30	1,438	1,456
Alaska-----	-	-	-	-	35	-	-	-	2	4	67	218
Hawaii-----	-	-	-	-	-	-	-	-	-	-	29	33
Puerto Rico-----	-	-	-	-	49	55	-	-	7	2	180	47

Morbidity and Mortality Weekly Report

Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED SEPTEMBER 3, 1955 AND SEPTEMBER 1, 1956—Continued

(By place of occurrence. Numbers under diseases are category numbers of the Sixth Revision of the International Lists, 1948)

AREA	POLIOMYELITIS 080								MALARIA		MEASLES	
	Total ¹				Paralytic		Nonparalytic					
	35th week		Cumulative first 35 weeks		080.0,080.1		080.2		110-117		085	
	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955
CONT. UNITED STATES-----	887	2,056	8,915	16,191	293	643	416	838	7	9	1,040	671
NEW ENGLAND-----	14	465	164	3,100	6	149	6	168	-	1	37	35
Maine-----	2	12	16	88	1	1	1	10	-	-	4	2
New Hampshire-----	-	18	3	154	-	-	-	-	-	-	7	-
Vermont-----	1	9	17	69	1	3	-	6	-	-	3	8
Massachusetts-----	6	317	76	2,285	1	128	3	124	-	1	15	21
Rhode Island-----	-	46	8	172	-	8	-	1	-	-	1	-
Connecticut-----	5	63	44	332	3	9	2	27	-	-	7	4
MIDDLE ATLANTIC-----	69	383	564	2,047	17	78	33	137	-	1	206	112
New York-----	44	272	380	1,314	13	78	25	137	-	1	170	71
New Jersey-----	17	59	99	325	4	-	8	-	-	-	23	17
Pennsylvania-----	8	52	85	408	-	-	-	-	-	-	13	24
EAST NORTH CENTRAL-----	302	681	2,379	3,623	113	212	102	292	-	-	203	115
Ohio-----	46	87	294	666	15	16	10	23	-	-	73	16
Indiana-----	39	31	201	222	8	10	11	20	-	-	13	1
Illinois-----	120	129	1,339	753	59	43	34	63	-	-	15	55
Michigan-----	54	123	320	747	18	31	27	77	-	-	45	20
Wisconsin-----	43	311	225	1,235	13	112	20	109	-	-	57	23
WEST NORTH CENTRAL-----	166	138	883	1,336	17	35	11	68	-	-	33	86
Minnesota-----	28	41	105	367	7	17	2	24	-	-	3	2
Iowa-----	84	37	357	395	1	5	71	29	-	-	11	10
Missouri-----	33	18	216	137	5	5	13	2	-	-	6	4
North Dakota-----	1	4	11	40	-	-	-	-	-	-	10	10
South Dakota-----	2	5	24	57	-	-	1	2	-	-	2	-
Nebraska-----	7	14	70	174	2	4	5	10	-	-	1	-
Kansas-----	11	19	100	166	2	4	7	1	-	-	-	60
SOUTH ATLANTIC-----	91	101	825	1,506	41	43	43	51	2	-	88	35
Delaware-----	2	3	11	47	-	1	2	2	-	-	1	-
Maryland-----	5	15	39	145	5	7	-	8	-	-	10	3
District of Columbia-----	1	2	4	27	-	-	1	2	-	-	-	5
Virginia-----	31	10	126	210	16	7	14	3	-	-	15	13
West Virginia-----	5	13	63	93	3	6	2	4	-	-	6	5
North Carolina-----	24	27	179	287	8	4	15	22	2	-	14	2
South Carolina-----	7	13	69	189	1	7	5	5	-	-	20	5
Georgia-----	10	15	116	157	4	9	3	5	-	-	-	1
Florida-----	6	3	218	351	4	2	1	-	-	-	22	1
EAST SOUTH CENTRAL-----	36	31	400	674	14	12	12	15	1	-	150	17
Kentucky-----	11	14	112	278	4	5	6	8	-	-	63	3
Tennessee-----	8	10	82	134	3	4	5	3	1	-	75	3
Alabama-----	4	4	48	120	-	2	-	2	-	-	8	-
Mississippi-----	13	3	158	142	7	1	1	2	-	-	4	11
WEST SOUTH CENTRAL-----	88	94	1,662	1,821	37	34	44	45	2	5	119	78
Arkansas-----	25	6	118	137	11	2	12	4	-	-	-	4
Louisiana-----	17	8	442	241	9	8	8	-	-	1	1	-
Oklahoma-----	6	4	148	175	1	1	-	1	1	1	-	1
Texas-----	40	76	954	1,268	16	23	24	40	1	3	118	73
MOUNTAIN-----	44	58	455	651	12	22	17	21	-	-	62	57
Montana-----	2	12	24	56	-	4	2	5	-	-	5	4
Idaho-----	7	5	68	176	3	1	3	1	-	-	11	-
Wyoming-----	-	1	16	22	-	-	-	-	-	-	-	-
Colorado-----	15	20	74	142	6	8	8	11	-	-	12	28
New Mexico-----	8	6	44	84	3	4	3	1	-	-	13	7
Arizona-----	1	10	93	68	-	5	1	3	-	-	8	10
Utah-----	11	-	114	44	-	-	-	-	-	-	13	5
Nevada-----	-	4	22	59	-	-	-	-	-	-	2	1
PACIFIC-----	77	105	1,583	1,433	36	58	41	41	2	2	142	136
Washington-----	10	20	103	168	5	10	5	5	-	-	12	18
Oregon-----	4	22	95	178	2	15	2	6	-	-	26	16
California-----	63	63	1,385	1,087	29	33	34	30	2	2	104	100
Alaska-----	1	8	10	36	1	2	-	6	-	-	34	2
Hawaii-----	-	2	58	59	-	1	-	1	-	2	69	25
Puerto Rico-----	-	-	34	436	-	-	-	-	-	-	71	39

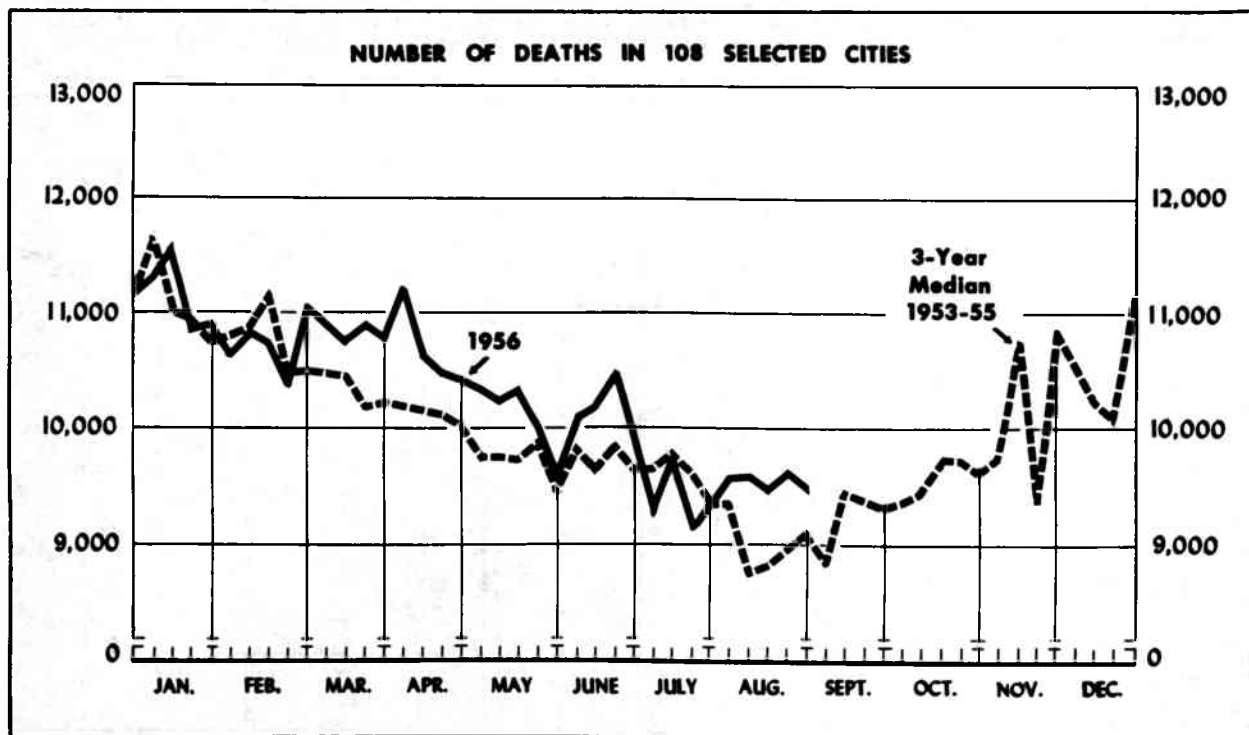
¹Includes cases not specified by type, category number 080.3.

Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED SEPTEMBER 3, 1955 AND SEPTEMBER 1, 1956—Continued

(By place of occurrence. Numbers under diseases are category numbers of the Sixth Revision of the International Lists, 1948)

AREA	MENINGOCOCCAL INFECTIONS		MENINGITIS, OTHER	PSITTACOSIS		TYPHOID FEVER 040				TYPHUS FEVER, ENDEMIC	RABIES IN ANIMALS	
	057		340	096.2		35th week		Cumulative first 35 weeks		101		
	1956	1955	1956	1956	1955	1956	1955	1956	1955	1956	1956	1955
CONT. UNITED STATES-----	24	44	33	7	1	48	46	1,241	1,139	2	69	81
NEW ENGLAND-----	1	1	1	-	-	-	4	41	24	-	-	-
Maine-----	1	-	-	-	-	-	-	12	5	-	-	-
New Hampshire-----	-	-	-	-	-	-	-	-	-	-	-	-
Vermont-----	-	-	-	-	-	-	1	1	1	-	-	-
Massachusetts-----	-	1	1	-	-	-	2	13	11	-	-	-
Rhode Island-----	-	-	-	-	-	-	-	5	1	-	-	-
Connecticut-----	-	-	-	-	-	-	1	10	6	-	-	-
MIDDLE ATLANTIC-----	5	10	-	1	1	3	4	165	117	-	4	16
New York-----	5	7	-	-	1	2	1	49	22	-	3	16
New Jersey-----	-	2	-	1	-	1	1	21	19	-	-	-
Pennsylvania-----	-	1	-	-	-	-	2	95	76	-	1	-
EAST NORTH CENTRAL-----	4	8	2	-	-	6	4	172	107	-	24	3
Ohio-----	-	3	-	-	-	2	2	35	49	-	22	1
Indiana-----	2	2	1	-	-	2	-	21	12	-	2	1
Illinois-----	1	-	1	-	-	-	-	32	22	-	-	-
Michigan-----	1	2	-	-	-	1	1	42	19	-	-	-
Wisconsin-----	-	1	-	-	-	1	1	42	5	-	-	1
WEST NORTH CENTRAL-----	4	1	2	-	-	4	3	155	64	-	14	13
Minnesota-----	1	1	-	-	-	1	-	33	5	-	1	4
Iowa-----	-	-	2	-	-	-	-	55	17	-	3	6
Missouri-----	1	-	-	-	-	2	3	38	32	-	4	3
North Dakota-----	-	-	-	-	-	-	-	6	-	-	-	-
South Dakota-----	1	-	-	-	-	-	-	3	4	-	-	-
Nebraska-----	1	-	-	-	-	1	-	12	4	-	6	-
Kansas-----	-	-	-	-	-	-	-	8	2	-	-	-
SOUTH ATLANTIC-----	4	2	9	-	-	6	6	201	218	-	9	17
Delaware-----	-	-	1	-	-	-	-	1	1	-	-	-
Maryland-----	-	-	-	-	-	-	2	17	17	-	-	-
District of Columbia-----	1	-	2	-	-	-	-	11	4	-	-	-
Virginia-----	-	1	4	-	-	4	-	36	31	-	3	7
West Virginia-----	1	-	-	-	-	-	-	20	26	-	1	-
North Carolina-----	1	-	-	-	-	-	1	23	22	-	-	2
South Carolina-----	-	1	1	-	-	1	3	23	36	-	4	3
Georgia-----	1	-	1	-	-	-	-	35	38	-	1	5
Florida-----	-	-	-	-	-	1	-	35	43	-	-	-
EAST SOUTH CENTRAL-----	2	2	7	-	-	13	6	158	178	-	10	12
Kentucky-----	-	-	2	-	-	7	1	34	84	-	4	4
Tennessee-----	2	2	2	-	-	2	-	60	50	-	2	1
Alabama-----	-	-	-	-	-	-	3	17	30	-	4	7
Mississippi-----	-	-	3	-	-	4	2	47	14	-	-	-
WEST SOUTH CENTRAL-----	2	8	7	-	-	9	17	224	278	2	6	12
Arkansas-----	1	2	2	-	-	3	2	51	53	-	3	3
Louisiana-----	1	3	-	-	-	1	8	35	66	-	3	-
Oklahoma-----	-	-	1	-	-	-	1	29	39	-	-	-
Texas-----	-	3	4	-	-	5	6	109	120	2	-	9
MOUNTAIN-----	-	3	4	-	-	4	1	47	84	-	-	-
Montana-----	-	1	-	-	-	-	-	4	4	-	-	-
Idaho-----	-	-	-	-	-	-	1	2	8	-	-	-
Wyoming-----	-	-	-	-	-	-	-	2	6	-	-	-
Colorado-----	-	1	4	-	-	-	-	9	7	-	-	-
New Mexico-----	-	1	-	-	-	1	-	12	42	-	-	-
Arizona-----	-	-	-	-	-	3	-	15	13	-	-	-
Utah-----	-	-	-	-	-	-	-	1	4	-	-	-
Nevada-----	-	-	-	-	-	-	-	2	-	-	-	-
PACIFIC-----	2	9	1	6	-	3	1	78	69	-	2	8
Washington-----	-	4	-	1	-	-	-	2	1	-	-	-
Oregon-----	-	-	1	3	-	-	1	7	9	-	-	-
California-----	2	5	-	2	-	3	-	69	59	-	2	8
Alaska-----	1	2	-	-	-	-	-	1	3	-	-	-
Hawaii-----	-	-	-	-	-	-	-	-	-	-	-	-
Puerto Rico-----	-	1	-	-	-	-	2	37	33	-	-	-

Morbidity and Mortality Weekly Report



The chart shows the number of deaths reported for 108 major cities of the United States by week for the current year, and, for comparison, the median of the number of deaths reported for the corresponding weeks of the 3 previous calendar years. (The median is the central one of the three values arranged in order of magnitude.) If a report is not received from a city in time to be included in the total for the current week, an estimate is made to maintain comparability for graphic presentation.

The figures reported represent the number of death certificates received in the vital statistics offices during the week indicated for deaths occurring in that city. Figures compiled in this way, by week of receipt, usually approximate closely the number of deaths occurring during the week. However, differences are to be expected because of variations in the

interval between death and receipt of the certificate.

While week-to-week changes in the total number of deaths reported for all major cities generally represent a change in mortality conditions, this may not be true for variations in weekly figures for each city. For example, in a city with a weekly average of 50 deaths, the number of deaths occurring in a week may be expected to vary by chance alone from 36 to 64 ($d \pm 2\sqrt{d}$, where d represents the average number of deaths per week).

The number of deaths in cities of the same size may also differ because of variations in the age, race, and sex composition of their populations, and because some cities are hospital centers serving the surrounding areas. Changes from year to year in the number of deaths may be due in part to population increases or decreases.

Table 3. DEATHS IN SELECTED CITIES BY GEOGRAPHIC DIVISION

(By place of occurrence, and week of filing certificate. Exclusive of fetal deaths)

AREA	35th week ended Sept. 1, 1956	34th week ended Aug. 25, 1956	35th week median 1953-55	Percent change, median to current week	CUMULATIVE NUMBER FIRST 35 WEEKS		
					1956	1955	Percent change
TOTAL: 102 REPORTING CITIES-----	8,572	8,734	8,236	+4.1	326,418	321,837	+1.4
New England----- (13 cities)	576	619	604	-4.6	22,969	23,283	-1.3
Middle Atlantic----- (17 cities)	2,732	2,702	2,538	+7.6	104,551	105,083	-0.5
East North Central----- (16 cities)	1,372	1,339	1,322	+3.8	51,962	51,524	+0.9
West North Central----- (8 cities)	557	550	604	-7.8	22,147	21,560	+2.7
South Atlantic----- (8 cities)	680	709	624	+9.0	25,988	24,965	+4.1
East South Central----- (8 cities)	397	491	437	-9.2	16,580	16,482	+0.6
West South Central----- (13 cities)	840	879	749	+12.1	29,551	27,568	+7.2
Mountain----- (7 cities)	213	203	192	+10.9	7,795	7,561	+3.1
Pacific----- (12 cities)	1,205	1,242	1,084	+11.2	44,875	43,811	+2.4

Morbidity and Mortality Weekly Report

7

Table 4. DEATHS IN SELECTED CITIES FOR WEEK ENDED SEPTEMBER 1, 1956

(By place of occurrence, and week of filing certificate. Exclusive of fetal deaths)

CITY	35th week ended Sept. 1, 1956	34th week ended Aug. 25, 1956	CUMULATIVE NUMBER FIRST 35 WEEKS		CITY	35th week ended Sept. 1, 1956	34th week ended Aug. 25, 1956	CUMULATIVE NUMBER FIRST 35 WEEKS	
			1956	1955				1956	1955
NEW ENGLAND					WEST NORTH CENTRAL—Con.				
Boston, Mass.-----	189	202	7,997	8,227	St. Louis, Mo.-----	202	207	8,204	7,701
Bridgeport, Conn.-----	31	43	1,302	1,316	St. Paul, Minn.-----	55	66	2,337	2,243
Cambridge, Mass.-----	27	32	1,049	1,017	Wichita, Kans.-----	31	43	1,417	1,341
Fall River, Mass.-----	24	17	969	972	SOUTH ATLANTIC				
Hartford, Conn.-----	57	52	1,658	1,614	Atlanta, Ga.-----	100	109	3,838	3,619
Lowell, Mass.-----	22	17	842	875	Baltimore, Md.-----	213	216	8,047	7,911
Lynn, Mass.-----	21	23	740	806	Charlotte, N. C.-----	27	39	1,090	973
New Bedford, Mass.-----	---	(23)	---	(854)	Jacksonville, Fla.-----	(47)	(55)	(1,794)	(1,642)
New Haven, Conn.-----	39	38	1,604	1,523	Miami, Fla.-----	38	41	1,771	1,897
Providence, R. I.-----	48	60	2,192	2,239	Norfolk, Va.-----	48	24	1,126	1,100
Somerville, Mass.-----	13	13	552	536	Richmond, Va.-----	58	68	2,464	2,245
Springfield, Mass.-----	39	41	1,454	1,446	Savannah, Ga.-----	(20)	(32)	(1,014)	(978)
Waterbury, Conn.-----	16	24	875	887	Tampa, Fla.-----	---	(57)	---	(1,930)
Worcester, Mass.-----	50	57	1,735	1,825	Washington, D. C.-----	154	164	6,420	5,981
MIDDLE ATLANTIC					Wilmington, Del.-----	42	48	1,232	1,239
Albany, N. Y.-----	44	44	1,704	1,684	EAST SOUTH CENTRAL				
Allentown, Pa.-----	---	(32)	---	(1,279)	Birmingham, Ala.-----	67	70	2,685	2,684
Buffalo, N. Y.-----	127	166	4,927	4,726	Chattanooga, Tenn.-----	46	35	1,473	1,516
Camden, N. J.-----	35	42	1,369	1,297	Knoxville, Tenn.-----	14	38	1,187	1,183
Elizabeth, N. J.-----	17	24	967	942	Louisville, Ky.-----	90	98	3,715	3,698
Erie, Pa.-----	30	18	1,160	1,236	Memphis, Tenn.-----	60	124	3,470	3,444
Jersey City, N. J.-----	57	68	2,462	2,449	Mobile, Ala.-----	42	31	1,174	1,008
Newark, N. J.-----	106	58	3,382	3,553	Montgomery, Ala.-----	25	34	1,018	906
New York City, N. Y.-----	1,398	1,418	54,308	54,900	Nashville, Tenn.-----	53	61	1,858	2,043
Paterson, N. J.-----	31	28	1,289	1,327	WEST SOUTH CENTRAL				
Philadelphia, Pa.-----	483	429	16,885	17,019	Austin, Tex.-----	26	32	981	896
Pittsburgh, Pa.-----	151	163	6,383	6,196	Baton Rouge, La.-----	8	21	766	748
Reading, Pa.-----	(19)	(17)	(752)	(801)	Corpus Christi, Tex.-----	17	27	676	612
Rochester, N. Y.-----	90	76	3,269	3,272	Dallas, Tex.-----	117	128	3,768	3,381
Schenectady, N. Y.-----	18	25	781	799	El Paso, Tex.-----	26	28	944	1,011
Scranton, Pa.-----	(24)	(32)	(1,214)	(1,156)	Fort Worth, Tex.-----	63	70	2,046	1,907
Syracuse, N. Y.-----	48	58	2,052	1,937	Houston, Tex.-----	134	130	4,679	4,354
Trenton, N. J.-----	46	36	1,534	1,683	Little Rock, Ark.-----	35	54	1,590	1,558
Utica, N. Y.-----	32	19	1,036	1,052	New Orleans, La.-----	148	146	5,611	5,228
Yonkers, N. Y.-----	19	30	1,043	1,011	Oklahoma City, Okla.-----	75	74	2,204	1,974
EAST NORTH CENTRAL					San Antonio, Tex.-----	93	87	3,071	3,002
Akron, Ohio-----	50	35	1,820	1,840	Shreveport, La.-----	26	63	1,592	1,360
Canton, Ohio-----	27	25	990	942	Tulsa, Okla.-----	72	19	1,623	1,537
Chicago, Ill.-----	---	(614)	---	(25,464)	MOUNTAIN				
Cincinnati, Ohio-----	136	134	5,297	5,228	Albuquerque, N. Mex.-----	---	(16)	---	(807)
Cleveland, Ohio-----	174	173	7,162	6,895	Colorado Springs, Colo.-----	17	6	448	457
Columbus, Ohio-----	109	108	3,762	3,745	Denver, Colo.-----	93	92	3,780	3,778
Dayton, Ohio-----	58	69	2,306	2,300	Ogden, Utah-----	11	14	436	388
Detroit, Mich.-----	297	291	11,150	11,465	Phoenix, Ariz.-----	22	22	915	841
Evansville, Ind.-----	---	(31)	---	(1,115)	Pueblo, Colo.-----	14	15	427	455
Flint, Mich.-----	37	28	1,350	1,290	Salt Lake City, Utah-----	42	39	1,587	1,484
Fort Wayne, Ind.-----	37	37	1,248	1,201	Tucson, Ariz.-----	14	15	202	158
Gary, Ind.-----	(23)	(33)	(995)	(974)	PACIFIC				
Grand Rapids, Mich.-----	42	47	1,468	1,472	Berkeley, Calif.-----	12	12	584	624
Indianapolis, Ind.-----	112	100	4,061	3,831	Long Beach, Calif.-----	35	54	1,813	1,704
Milwaukee, Wis.-----	104	100	4,311	4,400	Los Angeles, Calif.-----	453	484	16,391	15,722
Peoria, Ill.-----	41	32	1,000	1,011	Oakland, Calif.-----	70	97	3,175	3,024
South Bend, Ind.-----	24	30	852	859	Pasadena, Calif.-----	47	36	1,259	1,263
Toledo, Ohio-----	82	66	3,258	3,232	Portland, Oreg.-----	113	63	3,309	3,316
Youngstown, Ohio-----	42	64	1,927	1,813	Sacramento, Calif.-----	40	44	1,670	1,715
WEST NORTH CENTRAL					San Diego, Calif.-----	63	70	2,612	2,544
Des Moines, Iowa-----	47	41	1,761	1,801	San Francisco, Calif.-----	179	185	6,656	6,478
Duluth, Minn.-----	18	16	912	899	Seattle, Wash.-----	117	120	4,443	4,497
Kansas City, Kans.-----	25	23	1,111	1,229	Spokane, Wash.-----	42	39	1,636	1,590
Kansas City, Mo.-----	---	(90)	---	(3,823)	Tacoma, Wash.-----	34	38	1,327	1,334
Minneapolis, Minn.-----	123	95	4,141	4,081	Honolulu, Hawaii-----	(29)	(36)	(1,215)	(1,238)
Omaha, Nebr.-----	56	59	2,264	2,265					

Symbols.—parentheses [()] : data not included in table 3; 3 dashes [---] : data not available.

U. S. DEPARTMENT OF
HEALTH, EDUCATION, AND WELFARE
Public Health Service
Washington 25, D. C.

Official Business

PENALTY FOR PRIVATE USE TO AVOID
PAYMENT OF POSTAGE, \$300
GPO

GPO 460358

If you do not desire to continue receiving
this publication, please check here
and return.

☐

FIRST CLASS MAIL